

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"5342408".pn. "5456698".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/30 07:17
L2	6	kurjenheimo.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/30 07:17
L3	8	1 2	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/30 07:19
L4	81	programmer and circuit and "housing member"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/30 07:34
L5	61	4 and @pd<="20021002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/30 07:23
L6	9	5 and "607"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/30 07:23
L7	7064	programmer and circuit and housing	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/30 07:23
L8	2204	7 and "607"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/30 07:23
L9	61	5 and @pd<="20021002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/30 07:34
L10	581	8 and @pd<="20021002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/30 07:25
L11	26	10 and (internal with antenna)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/30 07:34

## EAST Search History

L19	2941	stanton.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/30 07:34
L20	19	programmer and 19	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/30 07:34
L21	13	20 and @pd<="20021002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/30 07:34
S1	59	("20010039437" "20020002326" "20020072785" "20020123673" "20030065308" "20030136418" "20030161093" "20030171789" "20040001432" "20040059395" "20040100412" "20040100450" "20040106860" "20040106967" "20040125016" "20040125029" "20040152953" "20040230246" "20040230247" "20050040992" "20050060011" "20050075688" "20050075692" "4201965" "4440173" "4953197" "5138328" "5302787" "5314457" "5495258" "5575686" "5674249" "5748103" "5904708" "5944659" "6169925" "6219255" "6249703" "6308102" "6415175" "6418346" "6426680" "6448933" "6456245" "6456887" "6480743" "6526310" "6561975" "6567703" "6584590" "6622031" "6636769" "6648821" "6654642" "6658300" "6693015" "6704600" "6930602").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/30 07:17
S2	17	((3683389") or ("2009082") or ("2144310") or ("2147148") or ("2273955") or ("2292182") or ("2343306") or ("2624004") or ("3495264")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/24 11:24
S3	2	("2203517").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/24 09:47
S4	1	("20050075691").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/24 10:01
S5	1	("20040230246").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/20 11:43
S6	1	("6648821").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/24 10:39

## EAST Search History

S7	80	( "2144310" "2147148" "2203517" "2273955" "2292182" "2343306" "2624004" "20010039437" "20020002326" "20020072785" "20020123673" "20030065308" "20030136418" "20030161093" "20030171789" "2004001432" "20040059395" "20040100412" "20040100450" "20040106860" "20040106967" "20040125016" "20040125029" "20040152953" "20040230246" "20040230247" "20050040992" "20050060011" "20050075688" "20050075692" "3495264" "3683389" "4201965" "4440173" "4953197" "5138328" "5302787" "5314457" "5495258" "5575686" "5674249" "5748103" "5904708" "5944659" "6169925" "6219255" "6249703" "6308102" "6415175" "6418346" "6426680" "6448933" "6456245" "6456887" "6480743" "6526310" "6561975" "6567703" "6584590" "6622031" "6636769" "6648821" "6654642" "6658300" "6693015" "6704600" "6930602").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/01/24 11:24
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## EAST Search History

S8	103	("2144310" "2147148" "2203517" "2273955" "2292182" "2343306" "2624004" "20010039437" "20020002326" "20020052539" "20020072785" "20020123673" "20030065308" "20030114899" "20030136418" "20030139782" "20030161093" "20030171789" "20040001432" "20040059395" "20040098068" "20040100412" "20040100450" "20040106860" "20040106967" "20040125016" "2004012529" "20040152953" "20040199212" "20040230246" "20040230247" "20050040992" "20050060011" "20050075688" "20050075692" "3495264" "3683389" "3796221" "4066086" "4201965" "4408608" "4432360" "4440173" "4550370" "4586508" "4601557" "4690144" "4953197" "5138328" "5302787" "5314457" "5495258" "5575686" "5674249" "5748103" "5833623" "5904708" "5944659" "5967986" "6073033" "6162180" "6169925" "6219255" "6249703" "6308102" "6415175" "6418346" "6426680" "6448933" "6456245" "6456887" "6469914" "6480743" "6526310" "6561975" "6567703" "6584590" "6614664" "6622031" "6636769" "6648821" "6654642" "6658300" "6678563" "6693015" "6704600" "6754527" "6804558" "6930602").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/25 08:34
S9	11	("20030139782" "20040199212" "3796221" "4432360" "4586508" "4690144" "5967986" "6678563" "6754527" "6804558").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/25 08:36
S10	12	("20020052539" "20030114899" "20040098068" "4066086" "4408608" "4550370" "4601557" "5833623" "6073033" "6162180" "6469914" "6614664").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/25 08:35
S11	25457	antenna same battery	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/20 11:45
S12	2424	aaa with battery	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/20 11:09

## EAST Search History

S13	1628369	display or lcd	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/20 11:10
S14	128	S11 and S12 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/20 11:11
S15	11903	S11 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/20 11:11
S16	145111	"607"/\$.ccls. or "600"/\$.ccls. or "128"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/20 11:12
S17	20	S14 and S16	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/20 11:54
S18	5	S17 and @ad<="20031002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/20 11:46
S19	879	S15 and S16	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/20 11:28
S20	526	S19 and @ad<="20031002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/20 11:28
S21	9919	antenna with battery	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/20 11:28
S22	1653	S11 and S16	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/20 11:28
S23	422283	"123" and @ad<="20031002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/20 11:28
S24	1040	S22 and @ad<="20031002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/20 11:37

## EAST Search History

S25	1	"20040125016"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/20 11:37
S26	32	("20020072733" "3952750" "4086916" "4210149" "4295474" "4323074" "4572191" "4625730" "5207219" "5282837" "5342408" "5350404" "5464432" "5490862" "5518001" "5578063" "5674249" "5693076" "5720770" "5755737" "5766224" "5931857" "5999851" "6006132" "6057758" "6091988" "6249703" "6400990" "6804554" "6821249").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/20 11:45
S27	17060	loop with antenna	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/20 11:51
S28	1239	S27 same battery	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/20 11:51
S29	355	S28 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/20 11:46
S30	222	S29 and @ad<="20031002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/20 11:51
S31	13	S30 and S16	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/20 11:51
S32	25390	(loop or aperture) with antenna	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/20 11:51
S33	1338	S32 same battery	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/20 11:51
S34	922	S33 and @pd<="20021002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/20 12:11
S35	19	S34 and S16	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/20 12:11

## EAST Search History

S36	16	S33 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/20 12:11
S37	3	S36 and @pd<="20021002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/20 12:11
S38	58270	programmer	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 08:33
S39	621122	battery	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 08:33
S40	17087	loop with antenna	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 08:33
S41	377	S38 and S39 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 08:33
S42	202	S41 and "607"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 08:41
S43	22	S42 and @pd<="20021002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 08:40
S44	24	S42 and @pd<="20030315"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 08:41
S45	69	S42 and @ad<="20030315"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 08:35
S46	457974	aa or aaa or consumer	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 08:40
S47	10405	S46 with S39	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 08:41

## EAST Search History

S48	329	S47 and S38	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 08:41
S49	40	S48 and "607"/*.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 08:41
S50	14	S49 and @pd<="20030315"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 08:41
S51	1297406	program\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 10:00
S52	32	("20020072733" "3952750" "4086916" "4210149" "4295474" "4323074" "4572191" "4625730" "5207219" "5282837" "5342408" "5350404" "5464432" "5490862" "5518001" "5578063" "5674249" "5693076" "5720770" "5755737" "5766224" "5931857" "5999851" "6006132" "6057758" "6091988" "6249703" "6400990" "6804554" "6821249").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 11:00
S53	27	S51 and S52	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 10:26

## EAST Search History

S54	125	("0136418" "0171789" "2144310" "2147148" "2203517" "2273955" "2292182" "2343306" "2624004" "20020002326" "20020052539" "20020123673" "20030065308" "20030114899" "20030139782" "20030161093" "20040001432" "20040059395" "20040098068" "20040100412" "20040100450" "20040106860" "20040106967" "20040125016" "20040125029" "20040152953" "20040199212" "20040230246" "20040230247" "20050040992" "20050060011" "20050075684" "20050075685" "20050075686" "20050075688" "20050075689" "20050075690" "20050075691" "20050075692" "0204222" "0229383" "3495264" "3683389" "3796221" "0039437" "4066086" "4201965" "4408608" "4432360" "4550370" "4586508" "4601557" "4690144" "5138328" "5302787" "5355369" "5495258" "5575686" "5674249" "5748103" "5833623" "5904708" "5944659" "5967986" "6073033" "6162180" "6169925" "6219255" "6249703" "6263246" "6308102" "6415175" "6418346" "6426680" "6448933" "6456245" "6456887" "6469914" "6480743" "6526310" "6556871" "6561975" "6567703" "6584590" "6614664" "6622031" "6622048" "6631296" "6636769" "6648821" "6654642" "6658300" "6678563" "6687538" "6693015" "6704600" "6731986" "6735474" "6754527" "6804558" "6930602" "0064166" "0072785" "D459814").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 10:30
S55	9970	antenna with batter\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 10:31
S56	18	S54 and S55	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 10:34
S57	17087	antenna with loop	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 10:35
S58	330	antenna with loop with batter\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 10:35

## EAST Search History

S59	176	S58 and @pd<="20021002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 10:36
S60	429	antenna with (loop or aperture or hole) with batter\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 10:36
S61	222	S60 and @pd<="20021002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 10:36
S62	2078	programmer with construct\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 11:00